

# Converting Colors

Hex(A1E9C7)

Have a look what the booklet for  
Hex(A1E9C7) contains.

|  |    |
|--|----|
| <b>Hex(A1E9C7)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(A1E9C7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | A1E9C7                       |
| RGB         | 161, 233, 199                |
| RGB Percent | 63%, 91%, 78%                |
| CMY         | 0.3686, 0.0863, 0.2196       |
| CMYK        | 0.31, 0.00, 0.15, 0.09       |
| HSL         | 152°, 62%, 77%               |
| HSV         | 152°, 31%, 91%               |
| XYZ         | 54.1457, 69.9784, 64.6862    |
| YIQ         | 207.5960, -31.9980, -25.8380 |

# Conversions

## Conversions Part 2

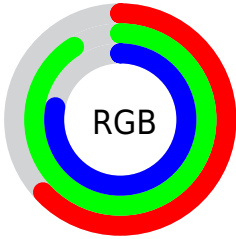
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 161, 208, 233                  |
| Decimal                             | 10611143                       |
| CIELab                              | 86.99, -29.42, 9.43            |
| CIELCh                              | 87, 30.894, 162.224            |
| Yxy                                 | 69.9784, 0.2868,<br>0.3706     |
| Android<br>(android.graphics.Color) | 4288801223<br>(0xFFA1E9C7)     |
| YUV                                 | 207.5960, -4.2378,<br>-40.8647 |
| Hunter-Lab                          | 83.6531, -30.8563,<br>12.7101  |

# Details

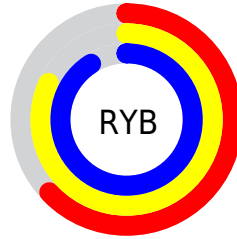
The Hex color **A1E9C7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E9A1C3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D9FFFF**, and **6BB191** is the 20% darker color. If you saturate the color by 10%, you get **8AE9BC**, and if you desaturate by 10%, it is **B8E9D2**.

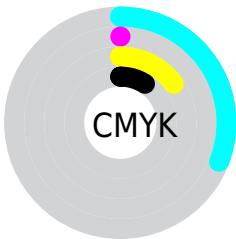
# Distribution



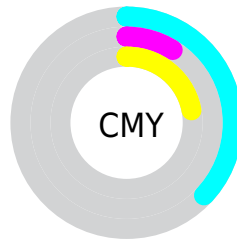
- Red (63%)
- Green (91%)
- Blue (78%)



- Red (63%)
- Yellow (82%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)



- Cyan (37%)
- Magenta (9%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1E9C7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color A1E9C7 by changing the saturation by 10% instead.



 A1E9C7

 A1E9C7

FFFFFF

 86CDAC

 D9FFFF

 6BB191

 F6FFFF

 519677

 367C5F

 1A6347

 004A31

 00331B

 002001

 000000

 A1E9C7

 A1E9C7

 8AE9BC

 B8E9D2

 72E9B1

 D0E9DD

 5BE9A6

 E7E9E8

 44E99B

 FEE9F3

 2CE990

 FFE9FE

 15E985

 FFE9FF

 00E97B

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C2E4AE



A1E9C7



88EAE5

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A1E9C7



C6D8FF



FFC9B4

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



A1E9C7



E9A1C3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5CF



A1E9C7



EDCEFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



A1E9C7



9EE2FF



FFC7EC



FFD2A3

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



A1E9C7



83E9F8



FFC7EC



FFC7BC



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



A1E9C7



E8FFF4



C4E9A1



718079



000000



808080

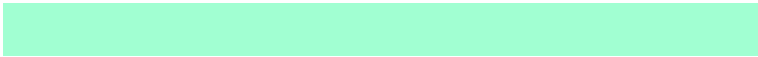


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



A1E9C7



A1FFD2



A1E8E9



6A7570



00B560



00361C



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E9A1C3



FFA1CD



E9A2A1



756A6F



B50055

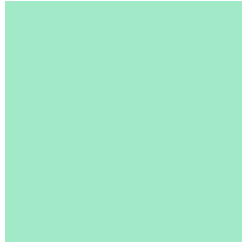


360019



# Previews

## White Background



This preview shows how the Hex color A1E9C7 looks on a white background.

## Color Contrast Check

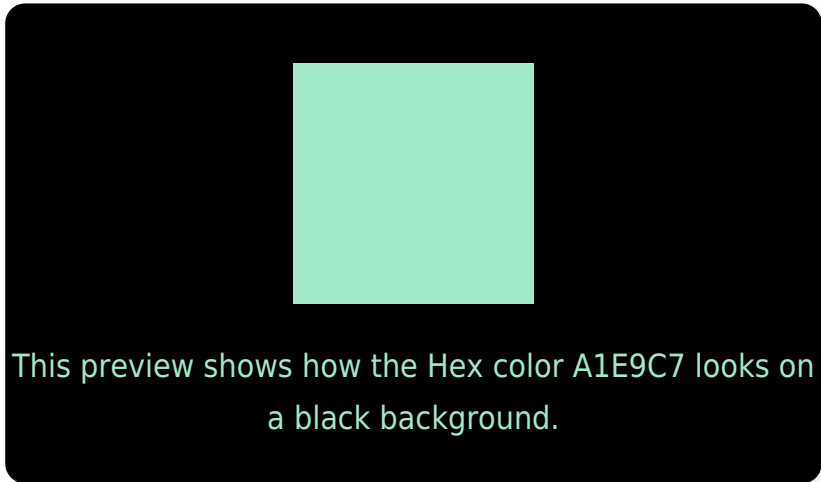
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

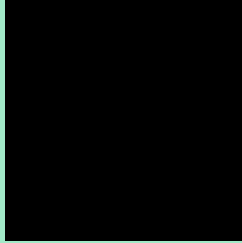
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

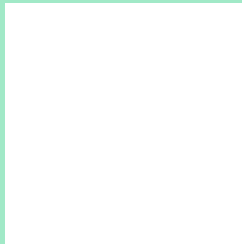
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A1E9C7 Background



This preview shows how black text looks on a background with the Hex color A1E9C7.

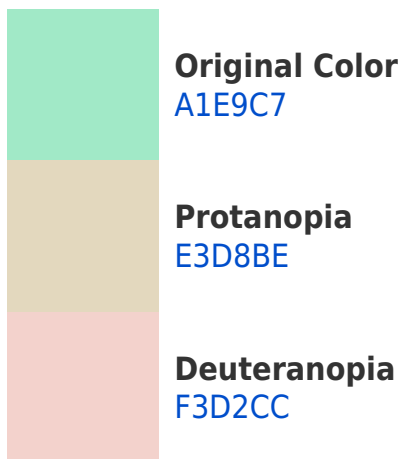


This preview shows how white text looks on a background with the Hex color A1E9C7.

# Color Blindness Simulation

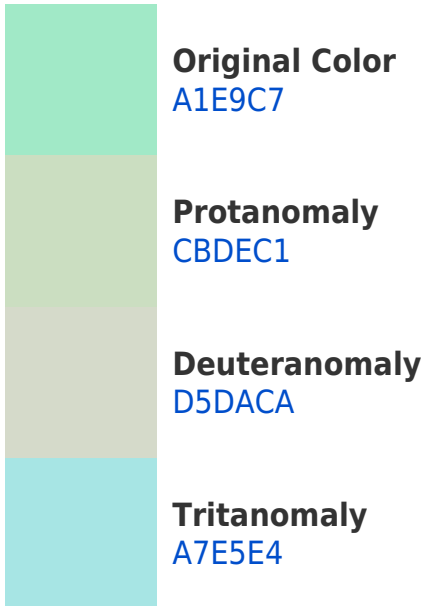
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

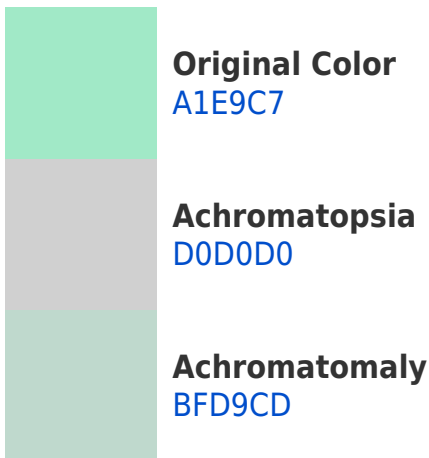




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1E9C7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #A1E9C7 looks like.

```
.text, #text, p{  
    color:#A1E9C7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #A1E9C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1E9C7
}
```

## Border

The CSS property to change the border of an element to Hex A1E9C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1E9C7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#A1E9C7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #A1E9C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1E9C7; -webkit-box-shadow:4px 4px  
4px 4px #A1E9C7; box-shadow:4px 4px 4px  
4px #A1E9C7 }
```

# Background

The CSS property to change the background color of an element to Hex A1E9C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1E9C7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#A1E9C7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor